

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method of producing a semiconductor device upon receiving an order for the semiconductor device by transferring information between a person who wishes to receive an order and a person who wishes to place an order through a network, the method comprising:

receiving, from a person who wishes to place an order, a plurality of specifications of the semiconductor device ~~causing the person who wishes to place an order to input specifications of the semiconductor device by request of the person who wishes to receive an order;~~

generating a plurality of circuit patterns based on ~~[[the]]~~ at least one of the specifications of the semiconductor device, the circuit patterns including a circuit pattern generated by using a stored character projection (CP) aperture for charged-particle beam exposure and a circuit pattern generated by using the stored CP aperture and a CP aperture to be newly produced, and obtaining a plurality of design parameters for each of the circuit patterns, and calculating a cost and a delivery time period for each of the circuit patterns, the cost including a cost for producing the CP aperture to be newly prepared; ~~[[and]]~~

presenting said plurality of design parameters ~~and~~ with the associated cost and the associated delivery time period for each of the circuit patterns to the person who wishes to place an order for each of the circuit patterns ~~and causing the person who wishes to place an order to select a circuit pattern satisfying a desired condition;~~ and

providing the semiconductor device to the person who wishes to place an order when at least one of the plurality of design parameters with the associated cost and the associated delivery time satisfies a desired condition.

2-3. (Cancelled)

4. (Original) The method according to claim 1, further comprising: requesting a device maker to generate the selected circuit pattern through the network after the circuit pattern is ordered by the person who wishes to place an order.

5. (Previously Presented) The method according to claim 1, further comprising: requesting a CP aperture maker to produce the CP aperture to be newly produced through the network after the circuit pattern is ordered by the person who wishes to place an order.

6. (Currently Amended) A method of producing a semiconductor device upon receiving an order for the semiconductor device based on information transferred between a person who wishes to receive an order and a person who wishes to place an order through a network, the method comprising:

receiving, from a person who wishes to place an order, a plurality of specifications of the semiconductor device ~~causing the person who wishes to place an order to input specifications of the semiconductor device by request of the person who wishes to receive an order;~~

transmitting the specifications of the semiconductor device to a server, and causing the server to generate a plurality of circuit patterns based on the specifications of the semiconductor device, the circuit patterns including a circuit pattern generated by using a stored CP aperture for charged-particle beam exposure and a circuit pattern generated by using the stored CP aperture and a CP aperture to be newly produced, and to obtain a plurality of design parameters for each of the circuit patterns;

receiving said plurality of design parameters from the server; and

presenting said plurality of design parameters to the person who wishes to place an order for each of the circuit patterns and ~~causing~~ allowing the person who wishes to place an order to select a circuit pattern satisfying a desired condition.

7-9. (Cancelled)

10. (Currently Amended) A program product for causing a computer system to produce a semiconductor device upon receiving an order for the semiconductor device by transferring information between a person who wishes to receive an order and a person who wishes to place an order through a network, the program product comprising:

a recording medium; and

first, second, and third instruction means which are operated by the computer system and are recorded on the recording medium, wherein

the first instruction means provides the computer system with an instruction to ~~cause~~ allowing the person who wishes to place an order to input specifications of the semiconductor device by request of the person who wishes to receive an order;

the second instruction means generates a plurality of circuit patterns based on the specifications of the semiconductor device, the circuit patterns including a circuit pattern generated by using a stored CP aperture for charged-particle beam exposure and a circuit pattern generated by using the stored CP aperture and a CP aperture to be newly produced, and obtains a plurality of design parameters for each of the circuit patterns; and

the third instruction means presents said plurality of design parameters to the person who wishes to place an order for each of the circuit patterns and ~~causes~~ allows the person who wishes to place an order to select a circuit pattern satisfying a desired condition.

11. (Currently Amended) A data signal which is embodied by a carrier, for allowing a semiconductor device to be produced upon receiving an order for the semiconductor device based on information transferred between a person who wishes to receive an order and a person who wishes to place an order through a network, the data signal comprising:

a first program code portion which is configured to ~~cause~~ allow the person who wishes to place an order to input specifications of the semiconductor device by request of the person who wishes to receive an order;

a second program code portion which is configured to generate a plurality of circuit patterns based on the specifications of the semiconductor device, the circuit patterns including a circuit pattern generated by using a stored CP aperture for charged-particle beam exposure and a circuit pattern generated by using the stored CP aperture and a CP aperture to be newly produced, and obtain a plurality of design parameters for each of the circuit patterns; and

a third program code portion which is configured to present said plurality of design parameters to the person who wishes to place an order for each of the circuit patterns and ~~cause~~ allow the person who wishes to place an order to select a circuit pattern satisfying a desired condition.